

IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Verna E. Knapp et al

Application No.: Unassigned

Filing Date: Herewith

Title: Anonymous Recommendation Technique

Confirmation No.: *mm*

Examiner: Unassigned

Group Art Unit:

11000 U.S. PTO
09/976637

10/12/01

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
- ☐ Statement under 37 CFR 1.97(e), or
 - ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs
- ☐ under 37 CFR 1.97 (d) together with a:
- ☐ Statement under 37 CFR 1.97(e), and
 - ☐ a petition under 37 CFR 1.97(d)(2), and
 - ☐ a \$180.00 petition fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

Please charge to Deposit Account **08-2025** the sum of \$0.00. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account **08-2025** pursuant to 37 CFR 1.25.

☒ Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

☐ A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EL604905595US

Date of Deposit *Oct. 12*, 2001

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Washington, D.C. 20231

By *Raymond A. Jenki*

Typed Name: Raymond A. Jenki

Respectfully submitted,

Verna E. Knapp et al

By *Raymond A. Jenki*
Raymond A Jenki

Attorney/Agent for Applicant(s)

Reg. No. 31,267

Date: *Oct. 12*, 2001

FORM PTO-1449

LIST OF PATENTS AND PUBLICATIONS FOR
APPLICANT'S INFORMATION DISCLOSURE
STATEMENT

(Use several sheets if necessary)

ATTY. DOCKET NO.

10018637-1

APPLICATION NO.

CONFIRMATION NO.

APPLICANT

Verna E. Knapp, et al.

FILING DATE

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GROUP

1100 U.S. PTO
09/976637

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1A					
	1B					
	1C					
	1D					
	1E					
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	1G					
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	1I					
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
	1L							
	1M							
	1N							
	1O							
	1P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

1Q	'Applied Cryptography, Second Edition' by Bruce Schneier, copyright 1996; published by John Wiley & Sons, p.p. 70-74 (with citations)
1R	"RealNetworks in Real Trouble" Wired News Report, Nov. 10, 1999; p.p. 1-3; printed from the Internet 03/13/2001 from http://wirednews.com/news/politics/0,1283,32459,00.html
1S	"SafeNet 2000: Security and Privacy Leaders Gather at Microsoft Campus to Seek Solutions to Challenges Facing Internet Users" Redmond, Wash., Dec 7, 2000; PressPass, p.p. 1-3; printed from the Internet 03/13/2001 from http://www.microsoft.com/PressPass/features/2000/dec2000/12-07safenet.asp

EXAMINER

DATE CONSIDERED

FORM PTO-1449 LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)	ATTY. DOCKET NO.	APPLICATION NO.	CONFIRMATION NO.
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	2M							
	2N							
	2O							
	2P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

2Q	"Intel Nixes Chip-Tracking ID" by Declan McCullagh, Apr. 27, 2000; LYCOSNETWORK; p.p. 1-3; printed from the Internet 03/13/2001 from http://www.wired.com/news/politics/0,1283,35950,00.html
2R	"Untraceable Electronic Mail, Return Addresses and Digital Pseudonyms", by David Chaum 'Communications of the ACM, Feb. 1981, Volume 24, Number 2; p.p. 1-12; printed from the Internet 03/13/2001 from http://world.std.com/franl/crypto/chaum-acm-1981.html
2S	"The NymIP Effort", p.p. 1 (with citations) printed from the Internet on 03/14/2001 from http://nymip.velvet.com/

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3Q	"Goalsof the NymIP Effort" p.p. 1-3; printed from the Internet on 03/14/2001 from http://nymip.velvet.com/cvs/general/goals.html
3R	"Security of Statistical Databases: Multidimensional Transformation" by Jan Schlörner, Universität Ulm, W. Germany, 'ACM Transactions on Database Systems', Vol.6, No.1, March 1981, PP95-112
3S	"Optimal Disclosure Limitation Strategy In Statistical Databases: Deterring Tracker Attacks Through Additive Noise", by George T. Duncan and Sumitra Mukherjee, 'Access and Confidentiality In Statistical Databases:' June 16, 1998, p.p. 1-20 printed from the Internet 06/18/2001 from http://duncan.heinz.cmu.edu/GeorgeWeb/Optimal%20Disclosure%20Limitation%2098%20

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OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

4Q	"Markets and Privacy" by Kenneth C. Laudon, 'Communications of the ACM' Sept. 1996, Vol.39, No.9; p.p. 92,93,95,97,99,101,103
4R	"Achieving Electronic Privacy" by David Chaum, (Article Appeared in 'Scientific American, Aug. 1992, p96-101) p.p. 1-8 printed from the Internet 03/16/2001 from http://www.chaum.com/articles/Achieving_Electronic_Privacy.htm
4S	"Principles for Standardization and Interoperability in Web-based Digital Rights Management" A Position Paper for the W3C Workshop on Digital Rights Management (January 2001) Authors: John Erickson, Matt Williamson, Dave Reynolds, Poorvi Vora and Peter Rodgers; p.p. 1-7, printed from the Internet 03/13/2001 from http://www.w3.org/2000/12/drm-ws/pp/hp-erikson.html

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	5P							

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

	5Q	"Security-Control Methods for Statistical Databases: A Comparative Study" by Nabil R. Adam and John C. Wortmann, 'ACM Computing Surveys', Vol.21, No.4, Dec. 1989, p.p. 515-554
	5R	"A Right To Read Anonymously: A Closer Look at "Copyright Management" in Cyberspace" by Julie E. Cohen, originally published 28. Conn.L.Rev.981 (1996). pp 1-77
	5S	

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